

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Currently Amended): A recording medium comprising:

an uncompressed information record area where uncompressed information which is obtained by encoding reproduction information to be reproduced in an uncompressed state is recorded;

a first control information area where uncompressed information control information for reproduction controlling the uncompressed information is recorded;

a compressed information record area where compressed information obtained by encoding another reproduction information including at least a content of the compressed information same as a part of a content of the uncompressed information in the uncompressed information record area reproduction information is recorded; and

a second control information area where compressed information control information for reproduction controlling the compressed information is recorded, the compressed information control information including corresponding relationship information for showing a corresponding relationship between the content of the uncompressed compressed information and the content of the uncompressed compressed information same as the part of the content of the uncompressed information,

wherein the uncompressed information record area, the first control information area, the compressed information record area and the second control information area are formed in one said recording medium.

Claim 2 (Original): A recording medium according to Claim 1, wherein the corresponding relationship information is provided to search the uncompressed information which is recorded while referring to the compressed information control information.

Claim 3 (Original): A recording medium according to Claim 1 or 2, wherein the compressed information control information includes copy control information representing a content of copy restriction applied when the compressed information is copied to another recording medium.

Claim 4 (Previously Presented): A recording medium according to Claim 1, wherein the compressed information control information includes copy control information representing whether or not the uncompressed information corresponding to the compressed information is that admitted to copy to another recording medium.

Claim 5 (Previously Presented): A recording medium according to Claim 1, wherein the compressed information is that can be freely copied to another recording medium.

Claim 6 (Previously Presented): A recording medium according to Claim 1, wherein the compressed information control information includes reproduction control information used when the uncompressed information is reproduced.

Claim 7 (Currently Amended): An information recording apparatus comprising:

- a non-compression encode means which generates uncompressed information by encoding reproduction information to be recorded and reproduced in an uncompressed state;
- a first control information generation means which generates uncompressed information control information for reproduction controlling the uncompressed information thus generated;
- a compression encode means which generates another reproduction information including information having a content same as at least a part of a content of the reproduction information;
- a second control information generation means which generates compressed information control information for reproduction controlling the compressed information thus generated, the compressed information control information including corresponding relationship information representing the content of the uncompressed information and the content of the compressed information same as the part of the content of the uncompressed information; and
- a record means which records the uncompressed information, the uncompressed information control information, the compressed information, and the compressed information control information, respectively thus generated, to one recording medium.

Claim 8 (Original): An information recording apparatus according to Claim 7, wherein the corresponding relationship information is that provided to search the uncompressed information thus recorded while the compressed information control information is referred to.

Claim 9 (Original): An information recording apparatus according to Claim 7 or 8, wherein

the compressed information control information includes copy control information representing a content of copy restriction applied when the compressed information is copied to another recording medium.

Claim 10 (Previously Presented): An information recording apparatus according to Claim 7, wherein

the compressed control information includes copy control information representing whether or not the uncompressed information corresponding to the compressed information is the uncompressed information admitted to copy to another recording medium.

Claim 11 (Previously Presented): An information recording apparatus according to Claim 7, wherein

the compressed information is that can be freely copied to another recording medium.

Claim 12 (Previously Presented): An information recording apparatus according to Claim 7, wherein

the compressed information control information includes reproduction control information used when the uncompressed control information is reproduced.

Claim 13 (Currently Amended): An information reproducing apparatus provided to reproduce at least one of the compressed information and the uncompressed information out of a recording medium including:

an uncompressed information record area where uncompressed information which is obtained by encoding reproduction information to be reproduced in an uncompressed state is recorded;

a first control information area where uncompressed information control information for reproduction controlling the uncompressed information is recorded;

a compressed information record area where compressed information obtained by encoding another reproduction information including at least a content of the compressed information same as a part of a content of the uncompressed information in the uncompressed information record area ~~reproduction information~~ is recorded; and

a second control information area where compressed information control information for reproduction controlling the compressed information is recorded, the compressed information control information including corresponding relationship information for showing a corresponding relationship between the content of the uncompressed ~~compressed~~ information and the content of the uncompressed ~~compressed~~ information same as the part of the content of the uncompressed information, wherein the uncompressed information record area, the first control information area, the compressed information record area and the second control information area are formed in one said recording medium, and wherein the information recording apparatus comprising:

a selection means used for selecting any one of a reproduction process of extracting the reproduction information out of the recording medium and reproducing thus extracted and a copy process of detecting the reproduction information out of the recording medium and copying thus detected to another recording medium;

a reproducing means which detects the uncompressed information corresponding to the reproduction information, which should be reproduced, out of the recording medium and reproduce thus detected when execution of the reproduction process is selected by the selection means; and

detection means which detects the compressed information corresponding to the reproduction information, which should be reproduced, out of the recording medium and providing thus detected to the copy process.

Claim 14 (Currently Amended): An information recording method comprising:

a non-compression encode step of encoding reproduction information which should be recorded and reproduced in an uncompressed state and generating the uncompressed information;

a first control information generation step of generating uncompressed information control information provided to control the reproduction of the uncompressed information thus generated;

a compression and encode step of encoding another reproduction information including information having a content same as at least a part of a content of the reproduction information and generating compressed information;

a second control information generation step of generating compressed information control information which is provided for reproduction controlling the compressed information thus generated and represents a corresponding relationship between the content of the

uncompressed information and the content of the compressed information same as the part of the content of the uncompressed information; and

a record step of recording the uncompressed information, the uncompressed information control information, the compressed information, and the compressed information control information, respectively thus generated, to ~~[[a]]~~ one recording medium.

Claim 15 (Currently Amended): An information recording method of recording to another recording medium from a recording medium having:

an uncompressed information record area where uncompressed information which is obtained by encoding reproduction information to be reproduced in an uncompressed state;

a first control information area where uncompressed information control information for reproduction controlling the uncompressed information is recorded;

a compressed information record area where compressed information obtained by encoding another reproduction information including at least a content of the compressed information same as a part of a content of the uncompressed information in the uncompressed information record area reproduction information is recorded; and

a second control information area where compressed information control information for reproduction controlling the compressed information is recorded, the compressed information control information including corresponding relationship information for showing a corresponding relationship between the content of the compressed uncompressed information and the content of the uncompressed compressed information same as the part of the content of the uncompressed information, wherein the uncompressed information record area, the first

control information area, the compressed information record area and the second control information area are formed in one said recording medium, and wherein the information recording method comprising:

a selection step of selecting any one of a reproduction process of detecting the reproduction information out of the recording medium and reproduce thus detected and a copy process of detecting the reproduction information out of the recording medium and copying thus detected to the another recording medium;

a reproduction step of detecting the uncompressed information corresponding to the reproduction information which should be reproduced out of the recording medium and replaying thus detected when execution of the reproduction process is selected in the selection step; and

a detection step of detecting the compressed information corresponding to the reproduction information which should be copied and providing thus detected to the copy process when execution of the copy process is selected in the selection step.

Claim 16 (Currently Amended): ~~An information recording~~ A computer-readable medium having a program tangibly demonstrating function comprising in which an information recording program is recorded so as to be read by a recording computer included in an information recording apparatus which records reproducing information to be recorded and reproduced on to a recording medium, wherein the information recording program controls the recording computer to function as:

non-compression encode means for encoding reproduction information in an uncompressed state and generating the uncompressed information;

a first control information generation means for generating uncompressed information control information provided to control the reproduction of the uncompressed information thus generated;

a compression and encode means of encoding another reproduction information including information having a content same as at least a part of a content of the reproduction information and generating compressed information;

a second control information generation means for generating compressed information control information which is provided for reproduction controlling the compressed information thus generated and represents a corresponding relationship between the content of the uncompressed information and the content of the compressed information same as the part of the content of the uncompressed information; and

a record means for recording the uncompressed information, the uncompressed information control information, the compressed information, and the compressed information control information, respectively thus generated, to [[the]] said one recording medium.

Claim 17 (Currently Amended): An information recording medium having

an uncompressed information record area where uncompressed information which is obtained by encoding reproduction information to be reproduced in an uncompressed state is recorded,

a first control information area where uncompressed information control information for reproduction controlling the uncompressed information is recorded,

a compressed information record area where compressed information obtained by encoding another reproduction information including at least a content of the compressed information same as a part of a content of the uncompressed information in the uncompressed information record area ~~reproduction information~~ is recorded, and

a second control information area where compressed information control information for reproduction controlling the compressed information is recorded, the compressed information control information including corresponding relationship information for showing a corresponding relationship between the content of the uncompressed ~~compressed~~ information and the content of the uncompressed ~~compressed~~ information same as the part of the content of the uncompressed information, and also having a program of constituting a reproducing computer included in an information reproducing apparatus which reproduces any one of the compressed information and the uncompressed information in the information recording medium,

the program tangibly demonstrating function, in information recording and reproducing apparatuses for recording and reproducing information, comprising:

a selection means for selecting any one of a reproduction process of detecting the reproduction information out of the recording medium and reproducing thus detected and a copy process of detecting the reproduction information out of the recording medium and copying thus detected to another recording medium;

a reproduction means for detecting the uncompressed information corresponding to the reproduction information which should be reproduced out of the recording medium and replaying thus detected when it is selected to execute the reproduction process by the selection means; and

a detection means for detecting the compressed information corresponding to the reproduction information which should be copied and providing thus detected to the copy process when it is selected to execute the copy process by the selection means,

wherein the uncompressed information record area, the first control information area, the compressed information record area and the second control information area are formed in one said information recording medium.

Claims 18-19 (Cancelled).

Claim 20 (New): A recording medium according to Claim 1, wherein
the first control information area is included in the uncompressed information record area and the second control information area is included in the compressed information record area.

Claim 21 (New): An information recording apparatus according to Claim 7,
wherein the record means records the uncompressed information, the uncompressed information control information, the compressed information, and the compressed information control information in such a manner that an area of said one recording medium in which the uncompressed information control information is recorded is included in an area of said one

recording medium in which the uncompressed information is recorded, and that an area of said one recording medium in which the compressed information control information is recorded is included in an area of said one recording medium in which the compressed information is recorded.

Claim 22 (New): An information reproducing apparatus according to Claim 13, wherein the first control information area is included in the uncompressed information record area and the second control information area is included in the compressed information record area.

Claim 23 (New): An information recording method according to Claim 14, wherein the record step of recording the uncompressed information, the uncompressed information control information, the compressed information, and the compressed information control information in such a manner that an area of said one recording medium in which the uncompressed information control information is recorded is included in an area of said one recording medium in which the uncompressed information is recorded, and that an area of said one recording medium in which the compressed information control information is recorded is included in an area of said one recording medium in which the compressed information is recorded.

Claim 24 (New): A computer-readable medium according to Claim 16, wherein the information recording program further controls the recording computer to function as the record means for recording the uncompressed information, the uncompressed

information control information, the compressed information, and the compressed information control information in such a manner that an area of said one recording medium in which the uncompressed information control information is recorded is included in an area of said one recording medium in which the uncompressed information is recorded, and that an area of said one recording medium in which the compressed information control information is recorded is included in an area of said one recording medium in which the compressed information is recorded.

Claim 25 (New): A recording medium according to Claim 1,
wherein the compressed information control information includes an encode information designating an encoding system used in the corresponding uncompressed information.

Claim 26 (New): An information recording apparatus according to Claim 7,
wherein the compressed information control information includes an encode information designating an encoding system used in the corresponding uncompressed information.

Claim 27 (New): An information reproducing apparatus according to Claim 13,
wherein the compressed information control information includes an encode information designating an encoding system used in the corresponding uncompressed information.

Claim 28 (New): An information recording method according to Claim 14,
wherein the compressed information control information includes an encode information
designating an encoding system used in the corresponding uncompressed information.

Claim 29 (New): A computer-readable medium according to Claim 16,
wherein the compressed information control information includes an encode information
designating an encoding system used in the corresponding uncompressed information.